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| Biology | Group-I | Paper-I |
| Time: 15 Minutes | (Objective Type) | Marks: 12 |

Note: Four possible answers A, B, C and D to each question are given. The choice which you think is correct, fill that circle in front of that question with Marker or Pen ink in the answer-book. Cutting or filling two or more circles will result in zero mark in that question.

1-1- The enzyme trypsin shows its activity in medium:

- (a) Alkaline ✓
- (b) Acidic
- (c) Neutral
- (d) Slight acidic

2- The inner membrane of mitochondria forms infoldings called:

- (a) Cristae ✓
- (b) Thylakoid
- (c) Stroma
- (d) Granum

3- Average life-span of red blood cells is:

- (a) 90 days
- (b) 120 days ✓
- (c) 150 days
- (d) 7-8 days

4- Book of Bu Ali Sina on medicine is:

- (a) Al-Nabatat
- (b) Al-Wahoosh
- (c) Al-Qanun Fil-Tib ✓
- (d) Al-Haywan

5- The process of breaking down of large droplets of fat into small droplets called:

- (a) Absorption
- (b) Emulsification
- (c) Peristalsis
- (d) Digestion ✓

6- The part of earth inhabited by communities of organisms is known as:

- (a) Oosphere
- (b) Atmosphere
- (c) Biosphere ✓
- (d) Population

- 7- The loss of electron from atom is called:
(a) Reduction (b) Oxidation ✓
(c) Anabolism (d) Catabolism
- 8- A litre of ethanol weighs in grams is:
(a) 1000 (b) 978
(c) 987 (d) 789 ✓
- 9- Plasmodium is transferred by:
(a) Bacteria (b) Mosquito ✓
(c) Virus (d) Aphid
- 10- During this phase cell duplicates its chromosomes:
(a) G-0 phase (b) G-1 phase
(c) S-phase ✓ (d) G-2 phase
- 11- Himalayan Jungle project was started in:
(a) 1991 ✓ (b) 1995
(c) 1997 (d) 2000
- 12- The optimum temperature for the maximum working speed of human enzyme is:
(a) 37°C ✓ (b) 45°C
(c) 30°C (d) 27°C

